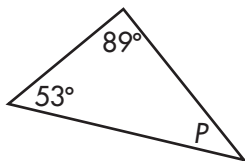


Mark the best answer.

1. Which is a triangle with no sides the same length and an angle measuring 90° ? (8-4)

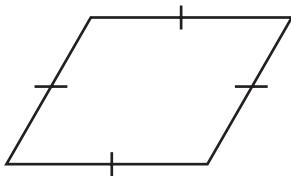
A Right scalene
B Acute isosceles
C Obtuse scalene
D Right isosceles

2. Find the measure of $\angle P$. (8-4)



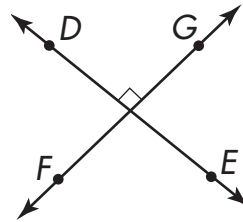
A 58°
B 48°
C 38°
D 37°

3. Which of the following can be used to describe the shape below? (8-5)



A All angles are right.
B It has one pair of parallel sides.
C It is a rectangle.
D All sides are the same length.

4. What is the relationship between line DE and line FG ? (8-1)

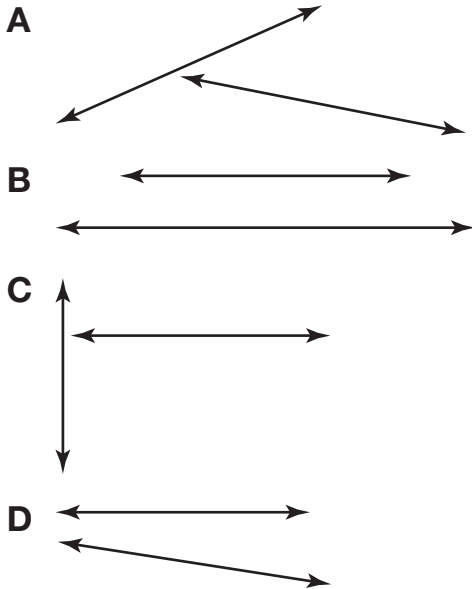


A They are parallel.
B They form a parallelogram.
C They are perpendicular.
D Each line has only 3 points.

5. Which of the following best describes a regular hexagon? (8-3)

A All sides and angles are equal.
B All angles are acute.
C All sides are parallel.
D Opposite sides are perpendicular.

6. Which two lines will not intersect? (8-1)



7. Which generalization about quadrilaterals is incorrect? (8-6)

- A** The sum of the angles of any quadrilateral is 180° .
- B** All squares are parallelograms.
- C** All quadrilaterals have 4 sides.
- D** All rhombuses are parallelograms.

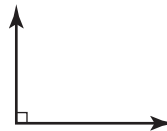
8. What two terms could be used to describe a triangle with all sides the same length and all angles measuring 60° ? (8-4)

- A** Isosceles and right
- B** Equilateral and obtuse
- C** Scalene and acute
- D** Equilateral and acute

9. The measures of three of the angles of a quadrilateral are 90° , 36° , and 117° . What is the measure of the fourth angle? (8-5)

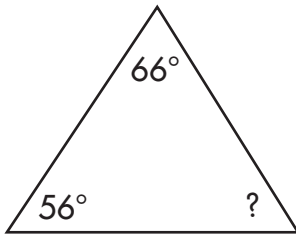
- A** 243°
- B** 117°
- C** 107°
- D** 57°

10. Classify the angle. (8-2)



- A** Acute
- B** Obtuse
- C** Right
- D** Straight

- 11.** Find the measure of the third angle of the triangle. (8-4)



- A** 180°
- B** 122°
- C** 58°
- D** 44°

- 12.** Which of the following quadrilaterals has only one pair of parallel lines? (8-5)

- A** Square
- B** Rectangle
- C** Rhombus
- D** Trapezoid